```
* * * * * * * * * *   Welcome to STN International   * * * * * * * * * *

 NEWS  1           Web Page URLs for STN Seminar Schedule - N. America
 NEWS  2           "Ask CAS" for self-help around the clock
 NEWS  3  JAN 27   Source of Registration (SR) information in REGISTRY updated
                   and searchable
 NEWS  4  JAN 27   A new search aid, the Company Name Thesaurus, available in
                   CA/CAplus
 NEWS  5  FEB 05   German (DE) application and patent publication number format
                   changes
 NEWS  6  MAR 03   MEDLINE and LMEDLINE reloaded
 NEWS  7  MAR 03   MEDLINE file segment of TOXCENTER reloaded
 NEWS  8  MAR 03   FRANCEPAT now available on STN
 NEWS  9  MAR 29   Pharmaceutical Substances (PS) now available on STN
 NEWS 10  MAR 29   WPIFV now available on STN
 NEWS 11  MAR 29   No connect hour charges in WPIFV until May 1, 2004
 NEWS 12  MAR 29   New monthly current-awareness alert (SDI) frequency in RAPRA

 NEWS EXPRESS  MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 3 MARCH 2004
 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS INTER    General Internet Information
 NEWS LOGIN    Welcome Banner and News Items
 NEWS PHONE    Direct Dial and Telecommunication Network Access to STN
 NEWS WWW      CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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  * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * *



FILE 'HOME' ENTERED AT 20:40:46 ON 14 APR 2004

=>
=>
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
Some commands only work in certain files.  For example, the EXPAND
command can only be used to look at the index in a file which has an
index.  Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of
commands which can be used in this file.

=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.42       0.42

FILE 'REGISTRY' ENTERED AT 20:42:04 ON 14 APR 2004
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```

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STRUCTURE FILE UPDATES: 13 APR 2004 HIGHEST RN 675103-21-6
DICTIONARY FILE UPDATES: 13 APR 2004 HIGHEST RN 675103-21-6

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

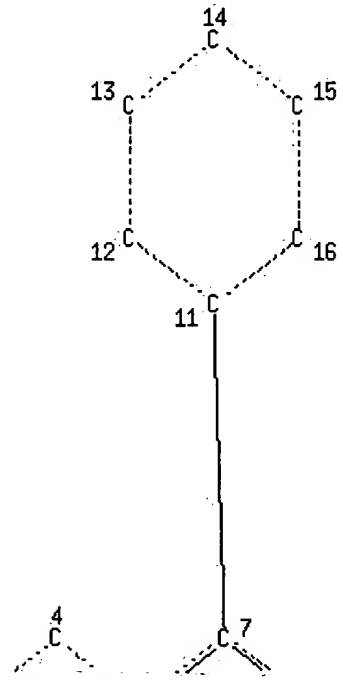
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

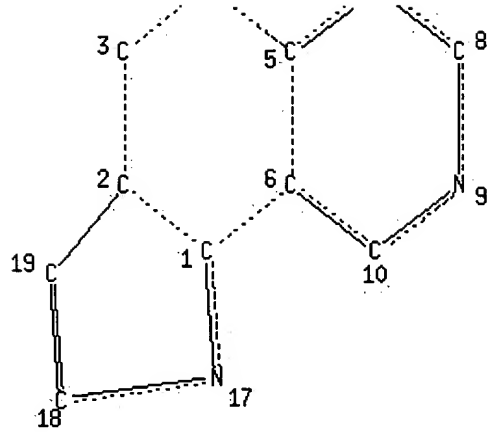
=>
L1 STRUCTURE UPLOADED

=> l1
L1 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> d l1
L1 HAS NO ANSWERS
L1 STR



Page 1-A



Page 2-A
NODE ATTRIBUTES:
NSPEC IS R AT 1
NSPEC IS R AT 2
NSPEC IS R AT 3
NSPEC IS R AT 4
NSPEC IS R AT 5
NSPEC IS R AT 6
NSPEC IS R AT 7
NSPEC IS R AT 8
NSPEC IS R AT 9
NSPEC IS R AT 10
NSPEC IS R AT 11
NSPEC IS R AT 12
NSPEC IS R AT 13
NSPEC IS R AT 14
NSPEC IS R AT 15
NSPEC IS R AT 16
NSPEC IS R AT 17
NSPEC IS R AT 18
NSPEC IS R AT 19
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RSPEC I
NUMBER OF NODES IS 19

STEREO ATTRIBUTES: NONE

=> s l1
SAMPLE SEARCH INITIATED 20:42:22 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 115 TO ITERATE

100.0% PROCESSED 115 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:- ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1657 TO 2943
PROJECTED ANSWERS: 2 TO 124

L2 2 SEA SSS SAM L1

```
=> s l1 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 155.00 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 20:42:26 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   2125 TO ITERATE

100.0% PROCESSED    2125 ITERATIONS                          17 ANSWERS
SEARCH TIME: 00.00.01

L3           17 SEA SSS FUL L1

=> file hcaplus
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                               155.42     155.84

FILE 'HCAPLUS' ENTERED AT 20:42:29 ON 14 APR 2004
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FILE COVERS 1907 - 14 Apr 2004  VOL 140 ISS 16
FILE LAST UPDATED: 13 Apr 2004  (20040413/ED)

 This file contains CAS Registry Numbers for easy and accurate
 substance identification.


=> s l3
L4           1 L3

=> d l4, ibib abs fhitstr, 1

L4   ANSWER 1 OF 1  HCAPLUS  COPYRIGHT 2004 ACS on STN
```
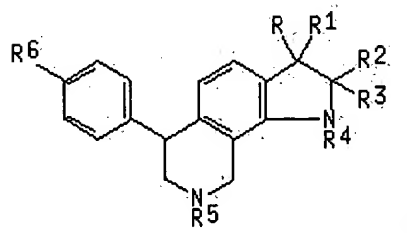

Full Text | Citing References

```
ACCESSION NUMBER:         1985:523465  HCAPLUS
DOCUMENT NUMBER:          103:123465
TITLE:                    Pyridoindole derivatives and their use
INVENTOR(S):              Boltze, Karl Heinz; Davies, Margaret A.; Junge, Bodo;
                          Schuurman, Teunis; Traber, Joerg
PATENT ASSIGNEE(S):       Troponwerke G.m.b.H. und Co. K.-G., Fed. Rep. Ger.
SOURCE:                   Ger. Offen., 62 pp.
                          CODEN: GWXXBX
DOCUMENT TYPE:            Patent
LANGUAGE:                 German
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:
```

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3333994	A1	19850404	DE 1983-3333994	19830921
EP 140070	A1	19850508	EP 1984-110732	19840908
R: AT, BE, CH, DE, FR, GB, IT, LI, NL, SE				
US 4564613	A	19860114	US 1984-651001	19840914
AU 8433201	A1	19850328	AU 1984-33201	19840917
ES 536003	A1	19851216	ES 1984-536003	19840918
FI 8403672	A	19850322	FI 1984-3672	19840919
DK 8404487	A	19850322	DK 1984-4487	19840920
JP 60087256	A2	19850516	JP 1984-195859	19840920
ZA 8407400	A	19850626	ZA 1984-7400	19840920
HU 36119	O	19850828	HU 1984-3541	19840920
ES 545270	A1	19860316	ES 1985-545270	19850716

PRIORITY APPLN. INFO.: DE 1983-3333994 19830921
OTHER SOURCE(S): CASREACT 103:123465
GI



I

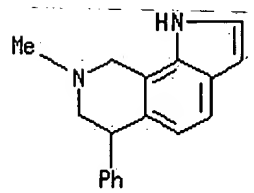
AB The title compds. (I; R = H, alkyl aminoalkyl, heterocyclylalkyl; RR1 = O, OCH2CH2O, SCH2CH2S; RR3 = atoms required to complete a 6-membered N-contg. ring; R1R2 = H, bond; R2R3 = O; R2R4 = bond,; R4 = H, alkyl, iminomethyl, heterocyclyl; R5 = H, alkyl; R6 = halo) were prepd. Thus, 2-H2NC6H4CH2NMeCH2CHPhOH was condensed with Cl3CCH(OH)2 and HONH2.HCl to give 91% 2-HON:CHCONHC6H4CH2NMeCH2CHPhOH. This was cyclized by stirring at 35° in concd. H2SO4 to give 90% I (RR1 = R2R3 = O, R4 = R6 = H, R5 = Me). This was treated with LiAlH4 in Et2O-THF at room temp. to give 30% I (R = R3 = R4 = R6 = H, R1R2 = bond, R5 = Me) (II). II inhibited tetrabenazine-induced ptosis in mice with an ED50 of 0.3 mg/kg i.p.

IT **98159-29-6P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. and antidepressant activity of)

RN 98159-29-6 HCAPLUS
CN 1H-Pyrrolo[3,2-h]isoquinoline, 6,7,8,9-tetrahydro-8-methyl-6-phenyl-, (2Z)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

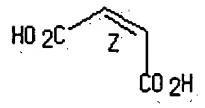
CRN 98159-28-5
CMF C18 H18 N2



CM 2

CRN 110-16-7
CMF C4 H4 O4

Double bond geometry as shown.




```
=> file caold
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     7.12     162.96

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                    -0.69      -0.69

FILE 'CAOLD' ENTERED AT 20:43:10 ON 14 APR 2004
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FILE COVERS 1907-1966
FILE LAST UPDATED:  01 May 1997 (19970501/UP)

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.  Title keywords, authors, patent
  assignees, and patent information, e.g., patent numbers, are
  now searchable from 1907-1966.  TIFF images of CA abstracts
  printed between 1907-1966 are available in the PAGE
  display formats.

  This file supports REG1stRY for direct browsing and searching of
  all substance data from the REGISTRY file.  Enter HELP FIRST for
  more information.

=> d his

     (FILE 'HOME' ENTERED AT 20:40:46 ON 14 APR 2004)

     FILE 'REGISTRY' ENTERED AT 20:42:04 ON 14 APR 2004
L1              STRUCTURE UPLOADED
L2            2 S L1
L3           17 S L1 FULL

     FILE 'HCAPLUS' ENTERED AT 20:42:29 ON 14 APR 2004
L4            1 S L3

     FILE 'CAOLD' ENTERED AT 20:43:10 ON 14 APR 2004

=> s l3
L5            0 L3

=> file reg
```

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.42	163.38

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.69

FILE 'REGISTRY' ENTERED AT 20:43:20 ON 14 APR 2004
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STRUCTURE FILE UPDATES: 13 APR 2004 HIGHEST RN 675103-21-6
DICTIONARY FILE UPDATES: 13 APR 2004 HIGHEST RN 675103-21-6

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when
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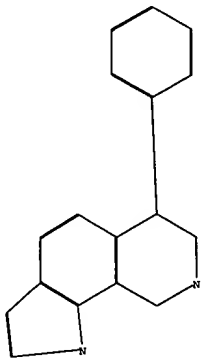
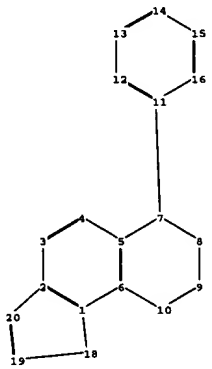
Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>

C:\stnweb\Queries\5.str





ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 18 19 20
chain bonds :
7-11
ring bonds :
1-2 1-6 1-18 2-3 2-20 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 11-12 11-16 12-13
13-14 14-15 15-16 18-19 19-20
exact/norm bonds :
1-18 5-7 6-10 7-8 8-9 9-10 18-19
exact bonds :
2-20 7-11 19-20
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 11-12 11-16 12-13 13-14 14-15 15-16
isolated ring systems :
containing 1 : 11 :

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom
12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 18:Atom 19:Atom 20:Atom